ITARS fradeworl-doorlingent Description

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(A1) Adding a liner to a borehole by inserting liner on a mandrel, injecting liquid between the liner and the borehole and expanding the liner onto the wall

## (A1) Schmier- und Selbstreinigungssystem für Aufweitungsdorn

A borehole casing is made by inserting a tubular liner and a mandrel into the borehole, injecting a fluid material into the hole, pressurizing the inside part of the tubular liner and radially expanding it off the mandrel. - DETAILED DESCRIPTION - An INDEPENDENT CLAIM describes a method for creating a casing in a borehole that already contains a casing comprising - (1) Drilling out the borehole adjacent to the existing casing. - (2) Putting a tubular liner and expanding mandrel into the new section. - (3) Overlapping the liner with the existing liner section. - (4) Injecting a hardenable fluid between the new liner section and the borehole wall. - (5) Isolating the annular region between the liner and the borehole wall from the interior of the liner below the mandrel -(6) Injecting a non-hardenable fluid into the region below the mandrel. - (7) Extruding the liner off the mandrel. - (8) Sealing the overlap between the new and existing liners - (9) Removing the mandrel - (10) Testing the seal between the new and existing liner section. - A second INDEPENDENT CLAIM describes a method for performing the method as described above.

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